



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
SCHWIETERS et al.
Serial No. 10/618,285
Filed: July 11, 2003
For: DEVICE FOR COLLECTING IONS IN A
MASS SPECTROMETER

Examiner: Unknown

Group Art Unit: Unknown

INFORMATION DISCLOSURE
STATEMENT

Dated: October 15, 2003

CERTIFICATE OF MAIL (37 CFR 1.8(a))

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on October 15, 2003.

Signed: _____

Lori Cox

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

This Information Disclosure Statement is hereby submitted in accordance with 37 CFR 1.98 and pursuant to Applicant's continuing duty under 37 CFR 1.56 to bring any information which may be material to patentability of this application to the Examiner's attention.

Applicant makes no representation that a complete search has been conducted by the Applicant, or that there is not possibly more relevant art. Applicant also makes no representation that the information submitted herewith is in fact material. The subject application is believed patentable over any of the references listed on the attached PTO 08A and 08B form.

This Information Disclosure Statement is being filed before the mailing of a first office action of the application filing in accordance with 37 C.F.R. §1.97(b)(4); accordingly, no fees are required. However, the Commissioner is hereby authorized to charge any additional fees or credit any overpayment to Deposit Account No.50-2319 (Order No. A-72227/AJT (466984-20)).

Respectfully submitted,

Aldo J. Test, Reg. No. 18, 048)

DORSEY & WHITNEY LLP
Four Embarcadero Center, Suite 3400
San Francisco, CA 94111-4187
Telephone (650) 494-8700
Facsimile (650) 494-8771



Please type a plus sign (+) inside this box ☒

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

PTO/SB/8A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Complete if Known						
				Application Number		10/618,285				
				Filing Date		July 11, 2003				
				First Named Inventor		Johannes SCHWIETERS				
				Group Art Unit		Unknown				
				Examiner Name		Unknown				
Sheet	1	of	2	Attorney Docket Number				A-72356/AJT (466984-22)		
U.S. PATENT DOCUMENTS										
Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document MM-DD-YYYY		Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear		
		Number Kind Code ² (if known)								
FOREIGN PATENT DOCUMENTS										
Examiner Initials*	Cite No. ¹	Foreign Patent Document		Name of Patentee or Applicant of Cited Document		Date of Publication of Cited Document		Pages, Columns, Lines, Where Relevant Passages or Relevant		T ⁶
		Office ³ Number ⁴ Kind Code ² (if known)								
	B-1	DE	198 38 553 A 1	Finnigan MAT GmbH						No
	B-2		102 38 347.2-33			09.11.2002		German investigation		No
Examiner Signature						Date Considered				

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.



Please use a plus sign (+) inside this box ☐

PTO/SB/8B (08-00)

Approved for use through 10/31/2002. OMB 0651-0031
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application Number	10/618,285
				Filing Date	July 11, 2003
				First Named Inventor	Johannes SCHWIETERS
				Group Art Unit	Unknown
				Examiner Name	Unknown
Sheet	2	of	2	Attorney Docket Number	A-72356/AJT (466984-22)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	C-1	Triton Neptune, "Multicollector Mass Spectrometers for High Precision Isotope Ratio Determination", Thermo Finnigan Brochure, 13 pages.			
	C-2	S. RICHTER, U. OTT, F. BEGEMANN, "Multiple Ion Counting in Isotope Abundance Mass Spectrometry", International Journal of Mass Spectrometry and Ion Processes 136 (1994), pp. 91-100.			
	C-3	S. GOLDBERG, S. RICHTER, R. ESSEX, P. MASON, J. SCHWIETERS, "Improved Environmental and Forensics Measurements Using Multiple Ion Counters in Isotope Ratio Mass Spectrometry", U.S. Department of Energy, by Thermo Finnigan MAT, pp. 1-8.			
	C-4	S. RICHTER, P. MASON, S. GOLDBERG, R. ESSEX, R. THOMAS, P. CROATTO, J. SCHWIETERS, T. LUETZEIER, "Improvements for Environmental and Forensics Measurements Using Multiple Ion Counters in Isotope Ratio Mass Spectrometry", Paper presented at the 226 th ACS National Meeting, New York, September 7-11, 2003.			
	C-5				
	C-6				
	C-7				
	C-8				
	C-9				
	C-10				
Examiner Signature				Date Considered	

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English Language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231.

DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.